

Title (en)

INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM

Title (de)

INFORMATIONSVERRARBEITUNGSVORRICHTUNG, INFORMATIONSVERRARBEITUNGSVERFAHREN UND PROGRAMM

Title (fr)

DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCÉDÉ DE TRAITEMENT D'INFORMATIONS ET PROGRAMME

Publication

**EP 4140815 A4 20230920 (EN)**

Application

**EP 21843523 A 20210630**

Priority

- JP 2020120368 A 20200714
- JP 2021024671 W 20210630

Abstract (en)

[origin: EP4140815A1] The present technique relates to an information processing device, an information processing method, and a program that can improve tracking performance. A feature information extracting unit extracts feature information about an object for each frame image, and a tracking unit tracks a vehicle in the frame image by using the feature information. The present technique is applicable to a driving support device with an onboard camera, for example.

IPC 8 full level

**G06T 7/246** (2017.01); **B60R 1/00** (2022.01); **G06T 7/292** (2017.01); **G08G 1/16** (2006.01)

CPC (source: EP US)

**G06T 7/246** (2016.12 - EP); **G06T 7/292** (2016.12 - EP); **G06V 10/25** (2022.01 - US); **G06V 10/759** (2022.01 - US); **G06V 20/46** (2022.01 - US); **G06V 20/584** (2022.01 - US); **G06V 20/625** (2022.01 - US); **G08G 1/0175** (2013.01 - EP); **G08G 1/09623** (2013.01 - EP); **G06T 2207/10016** (2013.01 - EP); **G06T 2207/10028** (2013.01 - EP); **G06T 2207/30261** (2013.01 - EP)

Citation (search report)

- [X] US 2019258251 A1 20190822 - DITTY MICHAEL ALAN [US], et al
- [X] FRIES CARSTEN ET AL: "Combining model- and template-based vehicle tracking for autonomous convoy driving", 2013 IEEE INTELLIGENT VEHICLES SYMPOSIUM (IV), IEEE, 23 June 2013 (2013-06-23), pages 1022 - 1027, XP032501992, ISSN: 1931-0587, [retrieved on 20131010], DOI: 10.1109/IVS.2013.6629600
- See references of WO 2022014327A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4140815 A1 20230301**; **EP 4140815 A4 20230920**; CN 115777116 A 20230310; JP WO2022014327 A1 20220120; US 2023206596 A1 20230629; WO 2022014327 A1 20220120

DOCDB simple family (application)

**EP 21843523 A 20210630**; CN 202180048608 A 20210630; JP 2021024671 W 20210630; JP 2022536234 A 20210630; US 202117928500 A 20210630